

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4804157
<b>Application Number:</b>	10650272
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6605
<b>Title of Invention:</b>	Method and apparatus for improving channel estimate based on short synchronization code
<b>First Named Inventor/Applicant Name:</b>	Haitao Zhang
<b>Customer Number:</b>	23696
<b>Filer:</b>	Kenneth K. Vu/Gina Golia
<b>Filer Authorized By:</b>	Kenneth K. Vu
<b>Attorney Docket Number:</b>	020306
<b>Receipt Date:</b>	17-FEB-2009
<b>Filing Date:</b>	28-AUG-2003
<b>Time Stamp:</b>	14:54:54
<b>Application Type:</b>	Utility under 35 USC 111(a)

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Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	020306_2009-02-05_SIDS_SIG NED.pdf	1207822	no	4
			a62fc4b81ee5e08f485aac5a4eaa89dd22c8c5ec		
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Information:					
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2	NPL Documents	020306WO_2004-12-17_ISR.pdf	1596738	no	3
			b617719ab14735618cd90b2d186045a82d93cebd		
Warnings:					
Information:					
3	NPL Documents	020306WO_2004-12-17_WO.pdf	257304	no	6
			b7fa600dc688012b013778b4f6822c35442e12bd		
Warnings:					
Information:					
4	NPL Documents	020306WO_2006-11-17_IPRP.pdf	196369	no	4
			762af2e33e590289e1fb981f0a8d49b68ab70f85		
Warnings:					
Information:					
5	Fee Worksheet (PTO-06)	fee-info.pdf	29964	no	2
			693c097c97eaa1aa4a3af5879cf8393a713a9769		
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